

## I CLAIM:

1. A construction of an environmental and water-permeable paving,  
including the following steps:
  - 5 (a) connecting a plurality of frame units composed of water ducts  
and connecting meshes to form a great area of framework;
  - (b). burring the frame units into the soil, above the macadam  
stratum;
  - (c). pouring liquid concrete onto the frame units and having the  
concrete solidified to form a concrete board; and
  - 10 (d). applying a asphalt and macadam stratum onto the concrete  
board or other paving.
2. The construction of an environmental and water-permeable paving  
according to Claim 1, wherein the water ducts used in Step A are  
provided with nets on the pipe heads.
- 15 3. The construction of an environmental and water-permeable paving  
according to Claim 1, wherein around the frame units used in Step B  
can be constructed with reinforcing steel bars before pouring the  
liquid concrete thereonto in order to reinforce solidification of the  
concrete into a board.
- 20 4. The construction of an environmental and water-permeable paving

according to Claim 1, wherein before processing Step C, permeable screen meshes made of non-woven fabric or fiber fabric can be paved on the concrete board.

- 5        5. The construction of an environmental and water-permeable paving according to Claim 1, wherein before processing Step D, asphalt can be applied onto the concrete board.
6. The construction of an environmental and water-permeable paving according to Claim 1, wherein the paving can be a stratum of permeable glass asphalt.
- 10      7. The construction of an environmental and water-permeable paving according to Claim 1, wherein the paving can be a stratum of permeable asphalt with colored pebbles.
8. The construction of an environmental and water-permeable paving according to Claim 1, wherein the paving can be a stratum of permeable asphalt with PU granules recycled from waste tire.
- 15      9. The construction of an environmental and water-permeable paving according to Claim 1, wherein the drainage belts are provided under the water ducts in predetermined positions, such that the rain can be led to the underground and collected in the reservoirs for recycle.
- 20      10. The construction of an environmental and water-permeable paving

according to Claim 1, wherein water-proof cloth can be provided beneath the drainage belts.

11. The construction of an environmental and water-permeable paving according to Claim 1, wherein the frame units are composed of water ducts, ventilating pipes and connecting meshes.
12. The construction of an environmental and water-permeable paving according to Claim 1, wherein the ventilating pipes have a narrow top and a wide bottom.
13. The construction of an environmental and water-permeable paving according to Claim 1, wherein when constructing the permeable paving, a plurality of steam pipes are provided in the macadam stratum beneath the frame units, thereby the snow accumulated on the ground can melt by the heat generated by a heater connected to the steam pipes.
14. The construction of an environmental and water-permeable paving according to Claim 13, wherein a negative pressure device is provided at one end of the steam pipe circuit.
15. The construction of an environmental and water-permeable paving according to Claim 1, wherein when constructing the permeable paving, time sprinklers and the relevant piping are installed in the

macadam stratum under the frame units for the purposes of washing roadways and watering roadside plants.

16. The construction of an environmental and water-permeable paving according to Claim 11, wherein the frame units can be made  
5 integrally with the plurality of water ducts, ventilating pipes and the upper connecting mesh.
17. The construction of an environmental and water-permeable paving according to Claim 1, wherein before pouring the liquid concrete onto the frame units, the water ducts can be adhered with plugs at the  
10 duct heads to avoid the liquid concrete from entering into the water ducts.
18. The construction of an environmental and water-permeable paving according to Claim 1, wherein supporting pillars can be further provided on the upper surface of the upper connecting mesh.
- 15 19. The construction of an environmental and water-permeable paving according to Claim 1, wherein the water ducts and the connecting meshes can be made of metal materials.